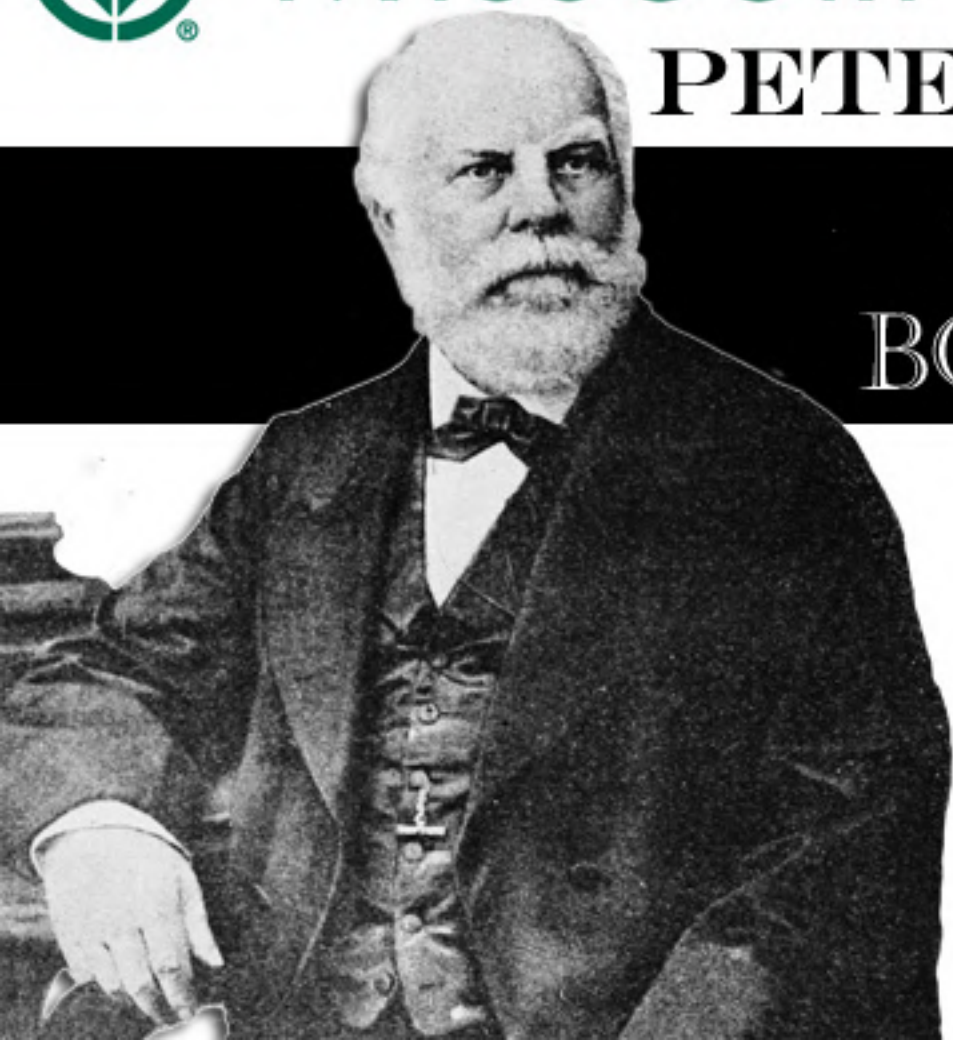


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23

Case p. 478

C. foetida HBK

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Sporobolus

Sp. authent. prope Chillo, Quito 8000'
Humboldt & Ly. Hb. Berl.

Columbia, Hartweg 1238 - Hb. Shuttleworth

C. pycnantha Nees! - Hb. Berlin
& Hb. Hook is Hartweg's plant

C. conyubum - Hb. ^{Paris} Jussieu, Peru, Joseph
de Jussieu

El. Ecuador, Seemann, - Hb. Hook

Quito, 9300 feet high, on Duranta,
J.P. Conthony, - Hb. Gray



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Cuscuta foetida!
Kunth #. 233



prope Chillo, Quito 8000' hsp.
fl. maris
Humboldt in Herb. Berlin
in Suberide et Barnadesia
flores foet. dissim.

glomerulis densis; floribus in
pedicell. brevem attenuatis;
bracteis variatis acutis stipitis
calycis lobis 5 late campanulatis
campanulatis lobis 5 late ovato-

triangulatis acuminatis; corollae
tubo longiori exserto. lobis 5 duplo longiore, ovatis-lanceolatis
obtusiusculis, demum petalis reflexis ve

antheris ovatis filamentis aequalibus, laciniis
nullis brevioribus; stylis brevibus, inaequalibus, ovum longius

subaequalibus; tubo corollae brevioribus - stigmate capitate. Squa lenti pimbriata.



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incurvis nudis tubo affixis.

In Herb. Surrien (Mus. Paris) this same plant
(no doubt the oldest specimen) is preserved
under the name: *C. corymbosa* A & P. Peru
Los de Jussieu

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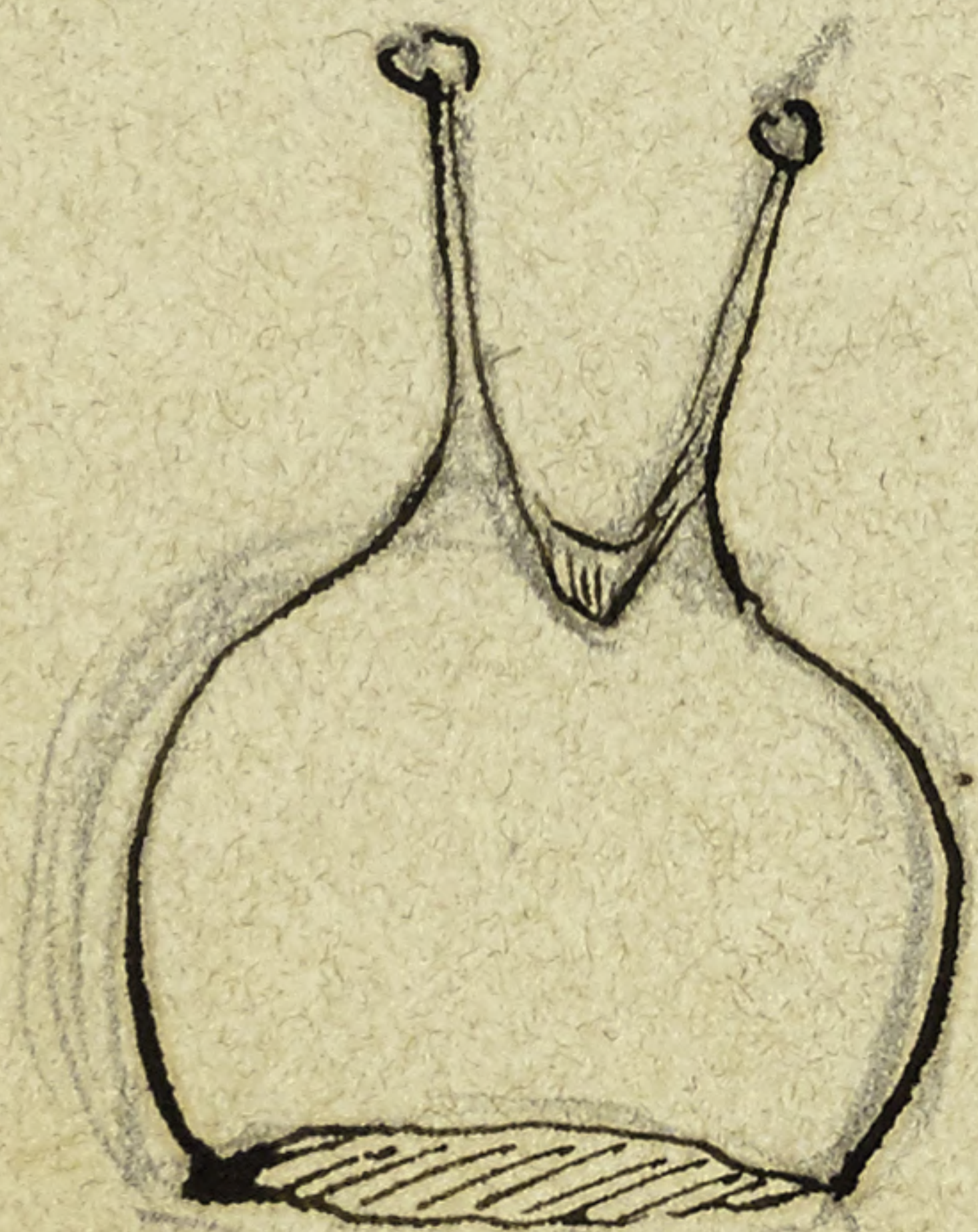
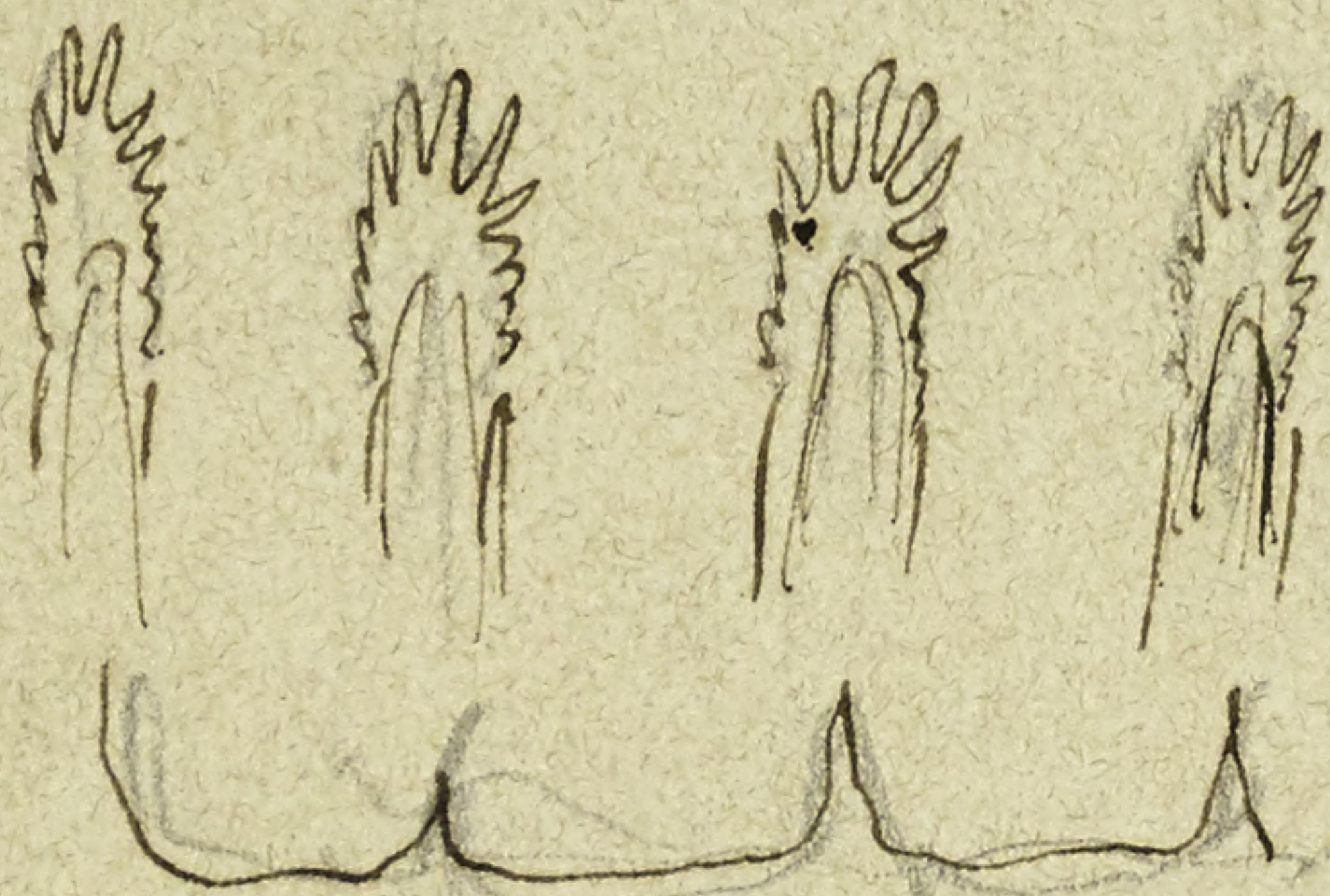
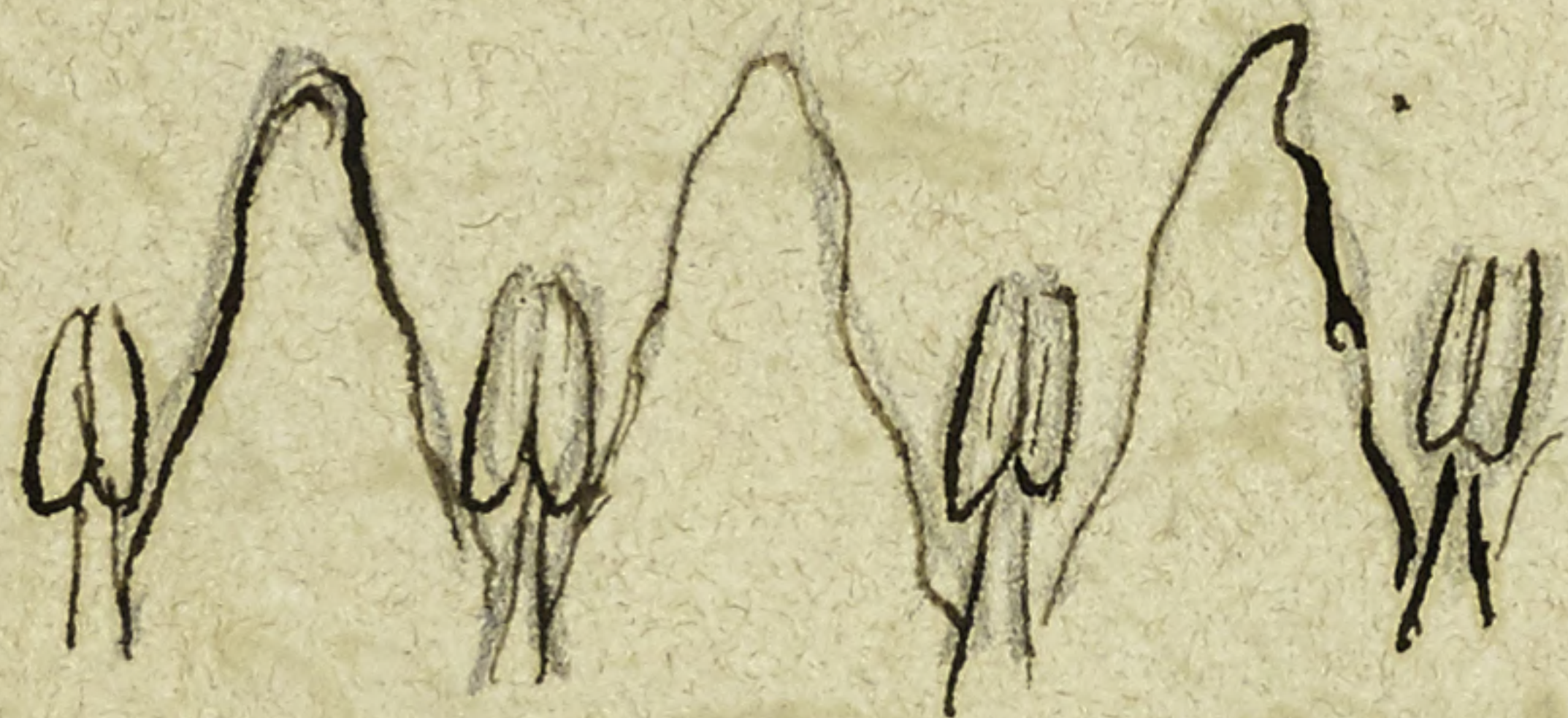
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ripe?

Cuscuta foetida Kunth
C. pygmaea R. & A. M. Hook. p. 226
 Columbia

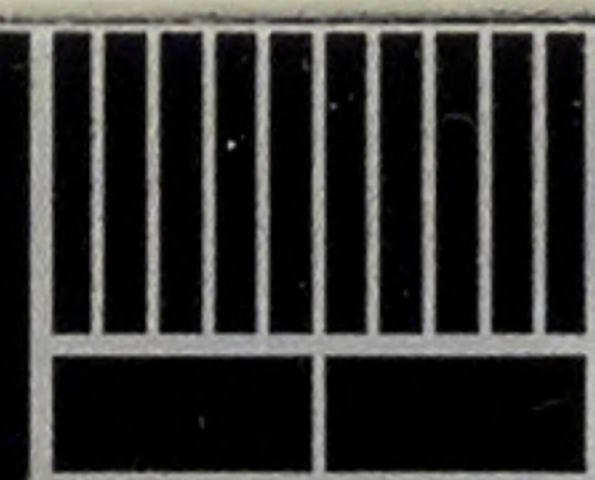
Harvey 1238

Hb. Hook

Very similar to Kunth's plant
 (N. 8.) but in fruit!

Floribus axillariis glomeratis, pedicellis
 brevibus, bracteis axillaribus parvis
 laciniis corollae patulis s. reflexis;
 et quamvis rudis tubo affixis
 minutis, subinde carentibus
 — capsula circumscissa, apertura
 intrastylari minore, semine
 parvis (0.6 mm long) — fl. 3 l. long.

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J.D. Conthony's plant - 46 Gray collected on Sumatra
near Jacite 9300 feet high, is the same thing;
flowers clustered, scales narrow, lobes of
calyx very pointed, acuminate; of corolla ~~also~~
also sharp pointed.

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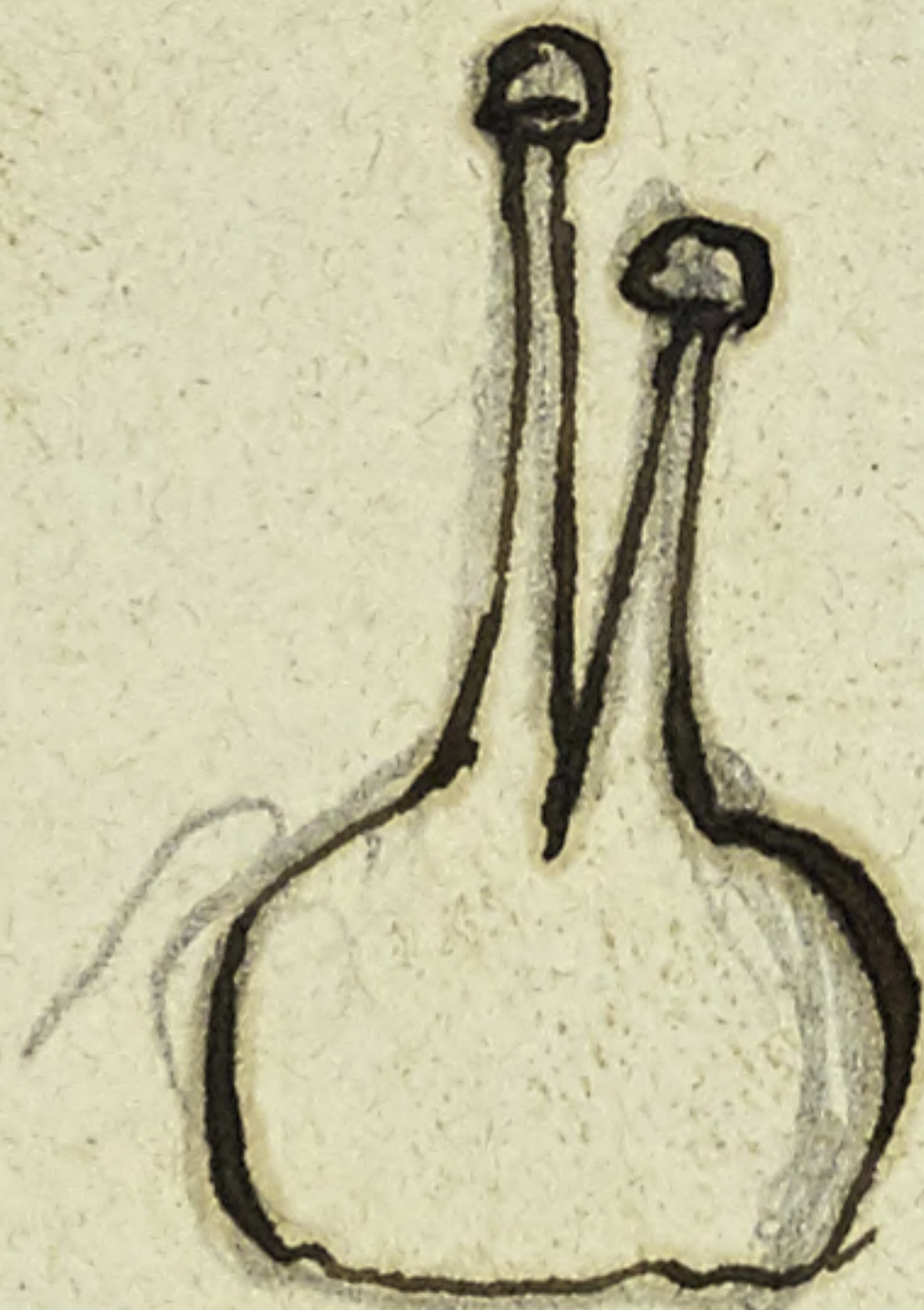
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New. Aug 1857



Cuscuta pitida HBK

Ecuador, Seemann

Ho Hook

Entirely Humboldt plant
 scales very narrow, not reaching
 the apex, scarcely reaching to the
 base of the Corolla, and apparently
 not connected at base.



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37 *C. foetida* HBK! Chillo, Quito, Humboldt in Hb. Berlin
Ecuador, Seemann in Hb. Hooker.

C. pycnantha Benth! ~~Columbia~~ Hartweg 1238. in Hb. Hook
Shublerwitz, Benth. Tr.

" *C. corymbosa* " Peru Joseph de Jussieu in Hb. Jussieu
(Hb. Mus Paris)

C. foetida Hook & Arn - Bot Beechey = *C. gracillima*



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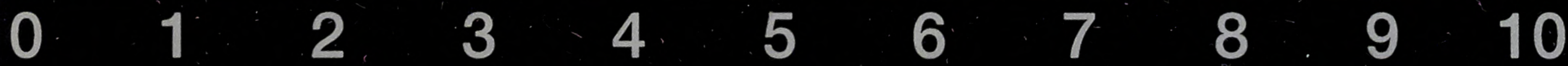
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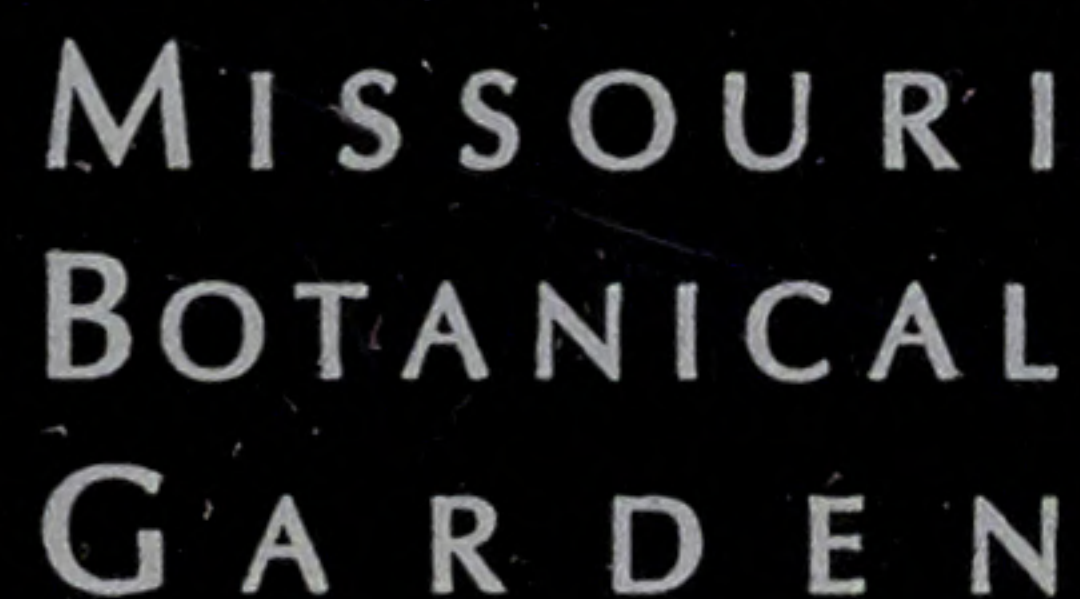
Alexander Mathews, N 661

W. H. Hooker

$\frac{1}{2} \times 2 - 2 \times 2$



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24

Cusc p. 478

4605

C. acutissima loba "sp

36 Perm

321

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Enclosed 242-244



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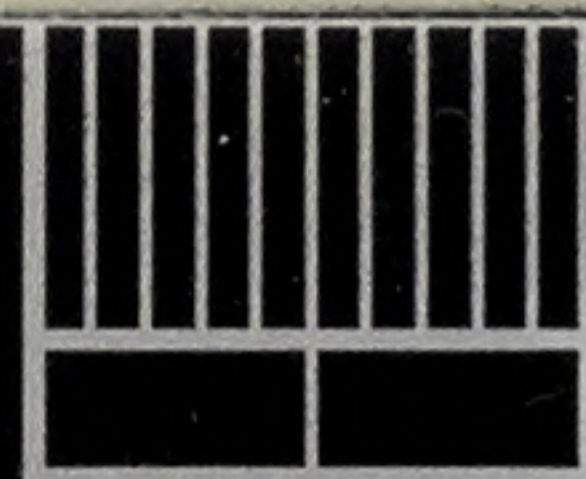
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28 C. acutiloba nsp. Peru, Bridge of Obrajillo, A. Matthews 661
- Hb Hook



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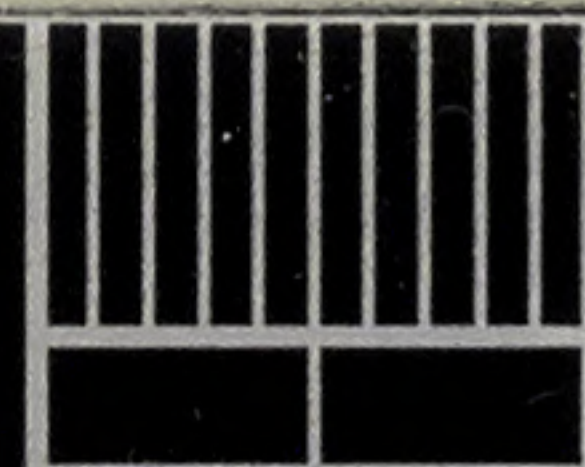
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Kew Aug 1857

Same as fig 36
N 661Obragilla
Alexander Mattheus ^{Bridge of Granite - Peru}

This second examination confirms
entirely the former, made in Berlin,
all the parts very acute, and
the styles short, subulate from a
thick base —

Corolla purple!

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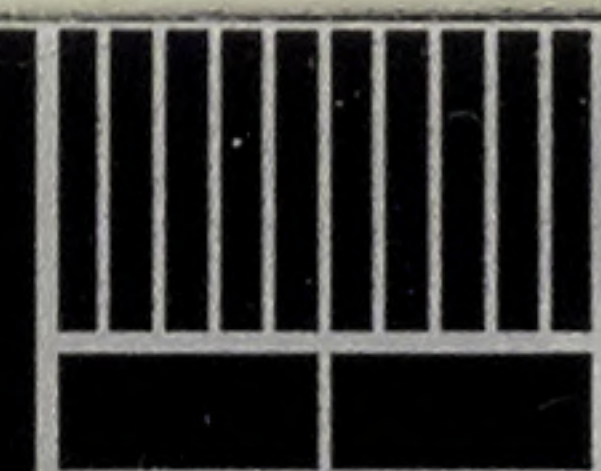
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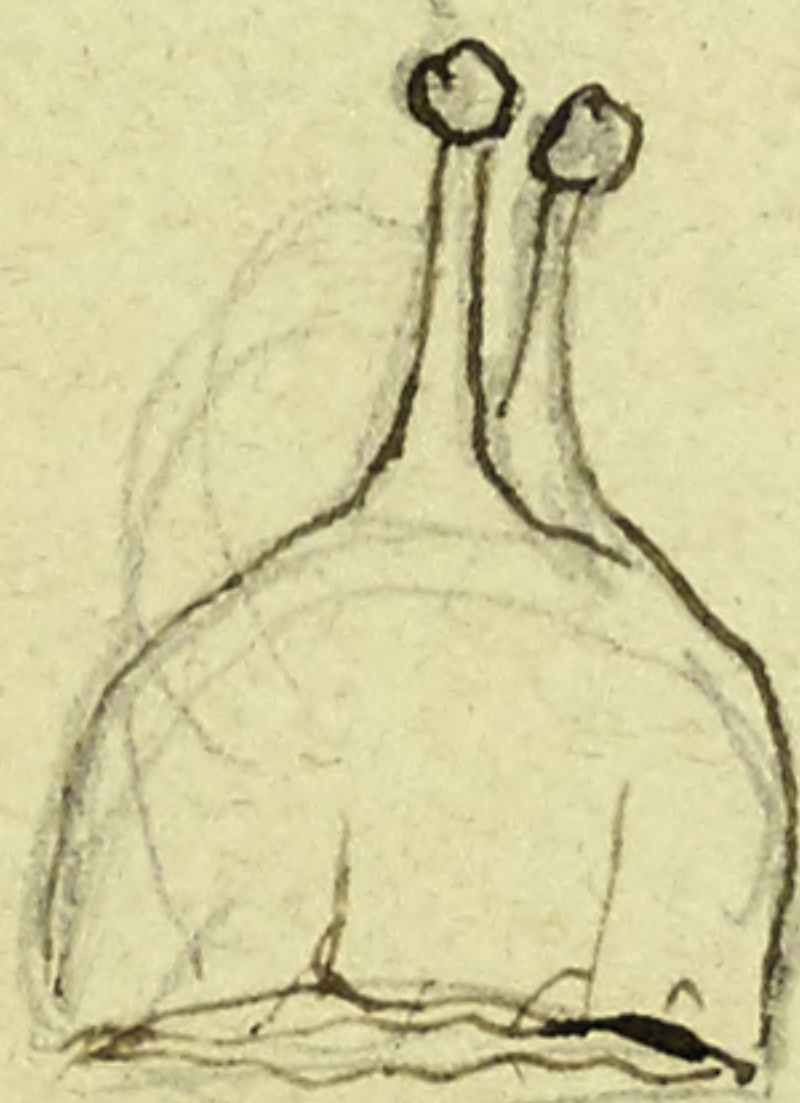
Cuscuta acutata, new

661 A. M. Bridge of Obongilla
Peru July

Herb. Hook 49



unripe capsule



single seed
in a capsule

ripe capsule

Cuscuta laxa pauciflora
pedunculis bracteis acuminatis
gemmibus; calycis campanulati
lobis triangularibus acutis tubo
corollae profunde campanulato
aequalibus; locis erectis
involucris acuminatis, tubum
aequantibus s. paulo superantibus;
staminibus longe brevioribus; antheris
ovatis filamentis brevioribus;
squamis oblongis, basi ^{insertis} affixis, fere
inclusis acutis (breviter subulatis); capsula corollata, corolla indurata
ovum

fere triangularibus paucius fibratis, medio affixis; ovum minuto stylis brevibus
(inclusis acutis) (breviter subulatis); capsula corollata, corolla indurata



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4608

Corolla purpurea ? ^{flower} $\frac{1}{4}$ - $\frac{1}{2}$ li long

Very near *C. umbellata*, apparently distinguished by the
subulate styles, short oval anthers etc

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225

Cuscuta 479

Crappeneato nsp

75. weight 541.

76. weight 685 & 1625

(Enclosed 285-287)



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Specimens

4609

Spigathus

Wright N 1623.

Wright N 541

Hillsides near the Bartolomori in Sonora
Wright 685 & 1625

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310 C. applanata n. sp. ! Sonora, Barbacromy Wright 1625
" Wright 1623
" ibid. Agay, Capulin et



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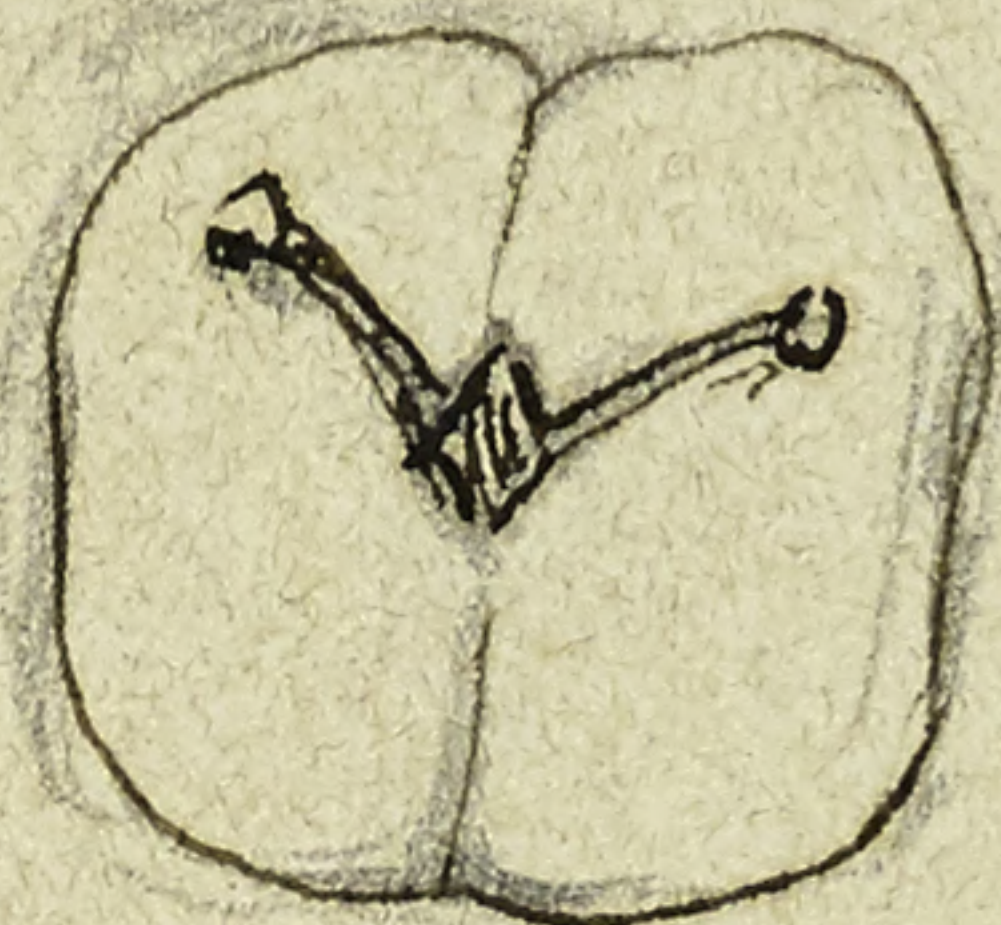
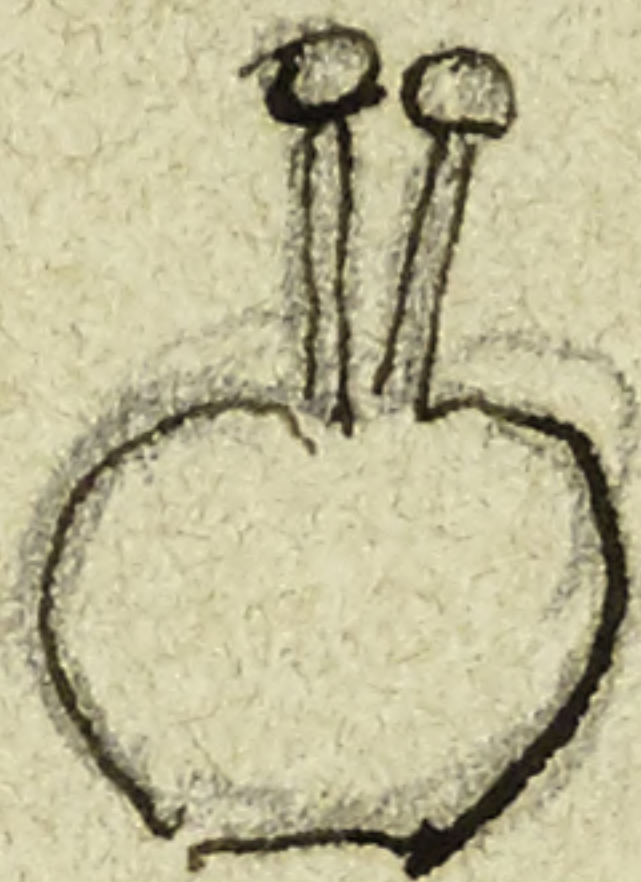
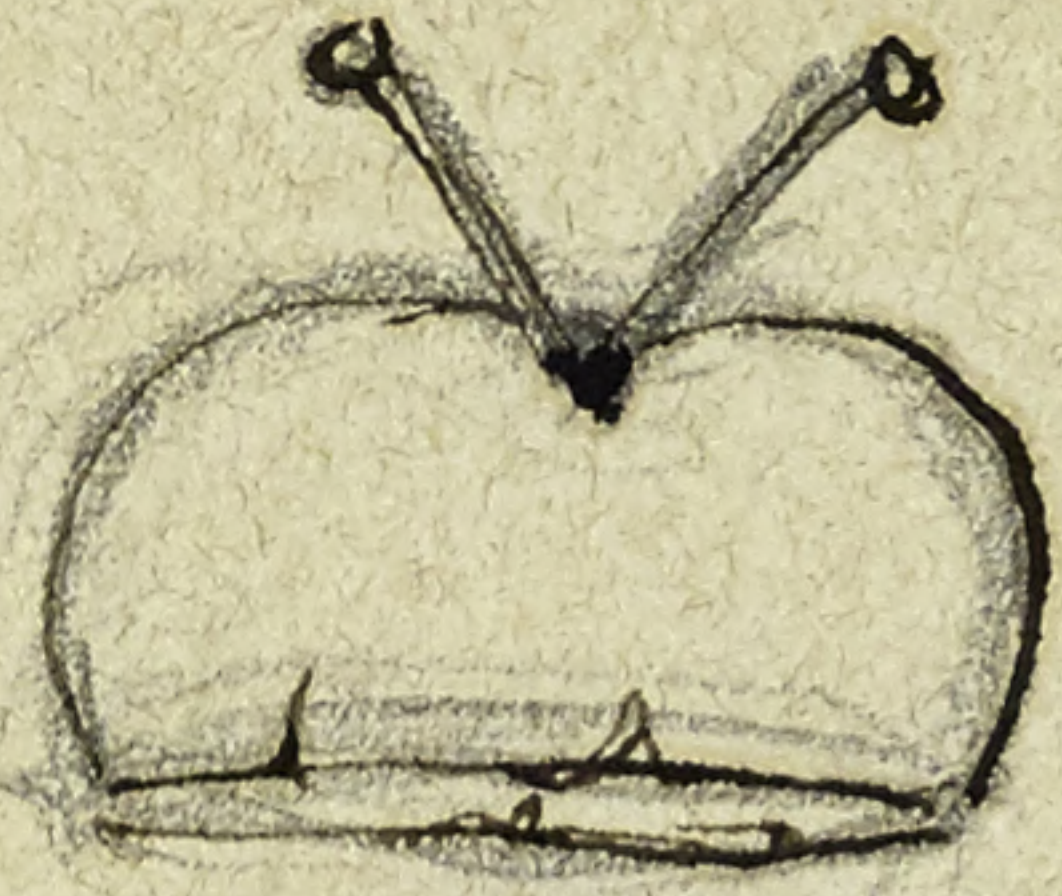
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18.3

0.5
-0.6Cuscuta *applanata*

541 Wright

D. Depressa

fe

^{brui}
 floribus pedicellatis in glomerulos
 globosis, densos congestis
 calycis campanulati, tenuis lobis
 ovatis, obtusis corollae tubum
 late campanulatum aequantibus,
 laciniis patulis, demum reflexis
 ovatis obtusis; staminibus
 filamentis subulatis antheris oblongo-
 lineari aequalibus; stylis squamis
~~tubo exsertilibus~~ maximis ^{crispatis} ~~laevibus~~

stylis fimbriatis, tubo totum investientibus, filamentumque exsertitibus
 ovario depresso magnum tubum replente stylis subaequalibus
 capsula depresso ^{dorso scissa} ~~forma subulatis~~ ^{seminibus}

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N. 1623

same plant, short styles, anthers shorter, flowers sessile

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76

= 75

Applanata
curvata *bracteiflora*

685. Wright.



Same as No. 75. but plants larger
 anthers shorter, ovary smaller, styles
 more slender and longer than ovary.
 Capsule also immiscible; seeds the
 same

1625. Wright (all the pale white plants, not the brown ones and this No.)
 seems to be the same plant; flowers sessile; lobes of calyx
 ciliate



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26

Cusc. pag. 479

C. chinensis Lam.

Enclosed 288-261)



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Spec. authentic *C. Chinensis* Lam. in Ocrino

Cult in Hort. bot Paris 1784. in Hb. Jussieu

the same, No 4246, dete 1784 in Hb.

authentic, de Coudolle

Zeylon "Cuscuta ~~aphylla~~ erectiuscula"

Burmah? Thunberg?

"Leschenault in Hb. Mus Paris

"Kolamba, visit Rottler in Hb. Bernhardi

C. capillaris Wall. Cat. 1321 in Hb. Berl.

C. sulcata Wall Cat. 1320. 1/2 in Hb. Hook.

--- 1320. 1/2 in Hb. Berl.

Affghanistan Griffith 685. Hb. Hook

Ind. or. Peninsula Hb. Wright. propp. 2408

in Hb. Hook

& Hb. ex Berlin

C. Americana Thunb. C. B. Sp. Thunb.

in Hb. Juss. in Hb. Mus. Paris

C. exigua Selzga L. b. in Secundo in

in Hb. Mus Paris

C. carinata ! A. Br. ! New South Wales

ex Hb. Banks in Brit. Mus.

Grammou aphylla Lam. ! Cochinchina

Lam. Hb. Banks in Brit

In Nassib, near Madagascar Dorrine Hb. Vindob

4613



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C. chinensis Lam ! E China Cult in Hort bot Paris 1784, - Hb Jussieu
near Hb Mus Paris

Ceylon, Leschenault in Hb. Mus Paris

" Colombo, Roettler, in Hb. Bernhardi

^{Candakur}
~~Affghanistan~~, Griffith 685 in Hb. Hooker

Ceylon in Hb. Delessert, in Burman?

Ind. orient peninsula, Hb. Wright propr. 2408

Ins Nassibé (Madagascar) - Hb. Hook, Hb. Berlin
Boivin Hb. Vindob

C. capillaris

Wallich Cat. 1321

- Hb. Hook & Hb. Berlin

C. sulcata

^{Fl. Ind. I. 447}
Roxb. V. Wallich Cat. 1320/1 & 1320/2

- Hb. Hook & Hb. Berlin

C. hyalina Wight! von Roth

~~*C. hyalina* Roth?~~

C. Americana Thunb. Cap. 6. sp. fide Spec. Thunb. Ceylon.

- Hb. Jussieu - Hb. Mus Paris

Grammola apheila Lam! Cochinchina - Hb. Banks

C. carinata R. Br! New South Wales Jos. Banks (Brit. Mus.)

~~*C. exigua* Mas. Scandone Leg. at fl. Selangan Sibiriae Hb. Paris~~
= *ciliaris*



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Chimney's spread spec. Williamson 1320/3 Chazy - det. R. S. P.
= *C. obtusiflor* var. *latiloba*



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